

# **Carpenter 1** **Incident Action Plan**

**SUNDAY, July 14, 2013**

**Day & Night Operations**

**NV-HTF 500068, P4HM7D (0417)**



## **Planning Schedule**

0600 Day Operational Briefing

1200 C&G Meeting

1700 Day Pre-Planning Meeting

1800 Night Operational Briefing

1900 Day Planning Meeting


## **Great Basin Team 2**

**Rich Harvey, Incident Commander**

**NAD 83, UTM Zone 11 North  
Degrees, Decimal Minutes**



<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>Carpenter 1</b>	2. Date Prepared 07/13/2013	3. Time Prepared 2100
4. Operational Period <b>Day and Night Operations</b> <b>July 14, 2013</b>			
5. General Control Objectives For The Incident (Include Alternatives)			
<ol style="list-style-type: none"> <li>1. Provide for public and incident responder safety through effective utilization of the Incident Safety Analysis ICS 215A and the Risk Management Process found in the Incident Response Pocket Guide (IRPG), page 1.</li> <li>2. Base evacuations on current and anticipated fire behavior conditions while utilizing established Management Action Points. Allow repopulation to evacuated areas as fire activities and conditions allow for the safety of the residents.</li> <li>3. Provide for the protection of communities, residences, businesses and infrastructure within and adjacent to the fire perimeter.</li> <li>4. In coordination with local cooperating agencies, provide current, timely and accurate information to the public, media, agency representatives and incident personnel.</li> <li>5. The Incident Management Team along with all personnel assigned to the incident, will be accountable for effective cost management for the Carpenter 1 fire.</li> <li>6. Protect and minimize impacts (MIST) to wilderness and the natural resources of the Mt. Charleston ecosystem, including Bristlecone pine stands, blue butterfly habitat, and heritage resources.</li> <li>7. Initiate suppression rehab per standards provided by the Agency Administrators.</li> </ol>			
6. Weather Forecast For Period			
**SEE ATTACHED**			
7. General Safety Message			
**SEE ATTACHED**			
8. ATTACHEMENTS (X IF ATTACHED)			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Division Assignment Lists - ICS 204 <input checked="" type="checkbox"/> Communications Plan - ICS 205		<input checked="" type="checkbox"/> Medical Plan - ICS 206 <input checked="" type="checkbox"/> Incident Map <input type="checkbox"/> Traffic Plan	
9. Prepared By (Planning Section Chief)		10. Approved By (Incident Commander)	
<b>Steve Jackson PSC1</b>			

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name <p style="text-align: center;">Carpenter 1</p>		Operations - Field	Rod Collins / Chad Olson (t)
		Operations - Planning	Brad Washa / JW McCoy (t)
		Night Operations	Darrell Miller
		<b>a. Branch I</b>	
2. Date Prepared	3. Time	Branch I Director	Richard Zimmerlee / Christian Ramirez(t)
July 13, 2013	2000	Division A / Z	Bill Kornrumpf / Barry Burt (t)
4. Operational Period Day/Night Operations		Division C / E	Chris Glode / John Carothers / Mark Sachara (t)
July 14 - 15, 2013		Division Y	Phil Gerhardson / Mark Ingram (t)
<b>5. Incident Commander and Staff</b>			
Incident Commander	Rich Harvey		
Deputy Incident Commander	Paul Broyles	<b>b. Branch II</b>	
Safety Officer	Rod Bloms / Phil Young	Branch II Director	Greg Burch / Mark Koontz (t)
Liaison Officer	Guy Pence / Warner McGrew	Division T	Chad Hayward / Pete Briant (t)
Information Officer	David Eaker / Hampton (t)	Division U	Greg Jackson / Rob Gomez (t)
		Division V	Chris Horysa
<b>6. Agency Representatives</b>		Grp Structure IA	Russ Byington / Brian Bunn (t)
HTF Agency Administrator	Bill Dunkelberger	Grp Water Handling	Sam Percy
Spring Mtns. NRA Rep	Randy Swick		
Nevada Div. of Forestry	Blankensop / Gonzalez		
Clark County FD	Fernandez Leary	<b>c.Branch III</b>	
Nye County	Vance Payne	Branch IIIDir.	Richard Stiles / Bill Panagopoulos (t)
Nevada Highway Patrol	Munoz / Lee	Division W	Dave Vining / Matt Ginder (t)
LV Metro	Tina Ellison	Division X	Brad Sawyer / Rob Frisk (t)
S. Nevada BLM	Tim Smith		
<b>7. Planning Section</b>			
Chief	Steve Jackson / Tom Dunn (t)		
Status Check In	Lori Price	Group Night	Mel Lovo / Kerri Gilliland (t)
Resources Unit	N. Masters / Callaghan(t)/Schafer(t)		
Situation Unit	Jake Lightfoot		
Documentation Unit	Martin Lew		
Demobilization Unit	Ed Paul	<b>c. Air Operations Branch</b>	
Technical Specs	Park / Madry / Jaquez	Air Ops Branch Director	Keith Talley
Human Resources	Paul Bryant / B. Cunningham (t)	Air Attack Supervisor	Bass / Skelton / Hutchins
Training	Don Washco / Linda Guy	Air Support Supervisor	Butler / Borcharding / Worthwine
GIS	Jack Sheffy / Cameron Tongier	Helibase Manager	Audrey Huse
FBAN	Nick Yturri	Air Tanker Coordinator	
IMET	Jason Clapp	<b>10. Finance Section</b>	
READ	Ramirez/ Hurja/ Brickey/ Poff Kallstrom/ Plum& Bryk (ARCHs)	Chief	Carol Bass / Jane Martinez
<b>8. Logistics Section</b>		Equipment Time Unit Ldr	Justin Beely / Tiffani Santi
Chief	Megan Timoney / Eddie Lopez	Time Unit	Sharon Holmes / Connie Lang
Deputy		Procurement Unit	Joel Butsin
Supply Unit	Tim Kennedy / Diane Cote	Compensation / Claims Unit	Karen Kieborz (t)
Facilities Unit	Slack / Smith / Hughes	Cost Unit	Cindy Higbee / Ben Cazier
Ground Support Unit	Bryan Swift / Gorden Bell	Prepared by Nancy Masters 	
Communications Unit	Vance Anderson / Brandon Diemer		
Medical Unit	Bruce Hicks / Polly Johnson		
Security Unit	Larry Benham		
Food Unit	Linda Holder / Barney Lyons		

FORECAST NO: 12  
PREDICTION FOR: Sunday SHIFT

NAME OF FIRE: Carpenter 1 NV-HTF-500068  
UNIT: Humboldt-Toiyabe NFDistrict

SHIFT DATE: 14 July 2013

SIGNED:   
Incident Meteorologist

TIME AND DATE  
FORECAST ISSUED: 1800 / 13 July 2013

**WEATHER DISCUSSION:** Expect warming and gradual drying with no thunderstorms today. Then heat and RH continues with a small threat of isolated afternoon thunderstorms for Monday and Tuesday. Southerly ridge winds will be fairly light with breezy slope winds due to good surface heating. Then the SW US High begins to move westward and the next wave increases monsoonal moisture back over the fire Wednesday and Thursday with an increase in cloudiness and thunderstorm potential.

**WEATHER FORECAST:**

**WEATHER:** Partly cloudy with cumulus over ridges.

**8600ft TEMPERATURES:** Highs 72-76  
**8600ft RELATIVE HUMIDITY:** 35-40%

**7000 ft TEMPERATURES:** Highs 81-85.  
**7000 ft RELATIVE HUMIDITY:** 12-16%

**20 FT WINDS:**

**RIDGETOP -** SSW 10-15 mph.

**SLOPE/VALLEY -** Downcanyon/downslope 3 to 6 mph through 0900 becoming upvalley /upslope at 4-7 mph with gusts 15-20 mph...except downcanyon in Kyle Canyon.

**HAINES INDEX:** 5 Moderate

**LIGHTNING ACTIVITY LEVEL:** 1.

**STABILITY/INVERSION:** Weak inversion west of Rainbow.

**WEATHER FOR SUNDAY NIGHT:** Clear. Low temperatures: 60-64. Maximum humidity: 30 to 35 percent. Ridge wind southwest 4 to 6 mph gusts to 10 mph. Downslope 3-6 mph...except gusts to 15 mph down Kyle Canyon.

**OUTLOOK FOR MONDAY:** Partly cloudy with a slight chance of showers/thunderstorms. High temperatures: 74-78 at 8600 ft and 83-87 at 7000 ft. Min RH 10-14%. Winds: SSW ridge winds 10-15 mph. Upslope/upcanyon 4-7 mph with gusts 15-20 mph...except downcanyon in Kyle Canyon.

**EXTENDED FORECAST:** Tuesday through Thursday.

**TUESDAY:** Partly cloudy, slight chance of showers/thunderstorms. Max temp 81-86. Min RH 12-16%.


**WEDNESDAY:** Partly cloudy with chance showers/thunderstorms. Max temp 77-82. Min RH 20-25%.

**THURSDAY:** Mostly cloudy with chance showers/thunderstorms. Max temp 74-79. Min RH 25-30%.

**OBSERVATIONS FROM YESTERDAY:**

Location/Elevation:	Low Temp:	High Temp:	Max RH	Max. RH	24 hr Rain as of 2000	Winds
Lee Canyon / 8626 ft	51	71	NA	NA	0.00	WNW 2 G9
Kyle Canyon RAWs / 7200 ft	58	85	67%	15%	0.00	WSW 6-8 G19
Angel Peak IRAWs / 7525 ft	60	81	60%	21%	0.00	S 11 G22
Lovell Summit / 6593 ft	52	84	89%	13%	0.00	NNW 1 G5

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 13	TYPE OF FIRE: Wildfire
FIRE NAME: Carpenter 1	OPERATIONAL PERIOD: Day/Night 14 July 2013
DATE ISSUED: 13 July 2013	TIME ISSUED: 2000
UNIT: Humboldt Toiyabe National Forest	SIGNED: Nick Yturri, FBAN 

## INPUTS

**WEATHER DISCUSSION:** See attached Fire Weather Forecast.

**FUELS CONDITIONS.....** Fuel Moisture: One-hour fuel moisture can be expected to be about 6% at 0700. After 1000 through the end of the burning period that will drop to about 3% in shaded fuels, and 2% or less in fuels with full sun exposure. The 10-, 100-, and 1000- hour fuels are all near 4%.

**Live Fuel Moisture:** The live fuel moisture is around 50% for shrubs and around 75% for conifers.

## OUTPUTS

### FIRE BEHAVIOR

**GENERAL:** Moderate fire behavior can be expected over most of the fire area. With daytime heating, condition should be present for active fire behavior should anything escape containment lines or move outside areas that have not been worked.

**Day Shift:**

Fuel Model	ROS (ch/hr)		Flame Length (ft)		PIG	Spot_Dist
	Head (Mid/Max)	Backing	Head(Mid/Max)	Backing		
SH7 Very High Load Dry Climate Shrub	45/61	3	15/17	4	87%	.4-.6 mile
GS-2 Grass/Brush	40/172	2	7/14	2	87%	.1-.3 mile

Fire behavior predictions are for the hottest and driest period of the day with mid-range and maximum winds.

**Night Shift:**

Fuel Model	ROS (ch/hr)		Flame Length (ft)		PIG	Spot_Dist
	Head (Mid/Max)	Backing	Head(Mid/Max)	Backing		
SH7 Very High Load Dry Climate Shrub	16/38	2	7/13	2	43-60%	.25 mile
GS-2 Grass/Brush	35/85	2	5/10	2	36-50%	.1 mile

### SPECIFIC:

**Day Shift:** All divisions should expect continued moderate fire behavior. Warmer and drier conditions should create an environment for active fire behavior and spread should the opportunity present itself. DIV E, T, X, & W could see some burnout of unburned interior fuels. Single and group tree torching may be observed.

**Night Shift:** The Kyle/Lovell Canyons and Harris drainage could have gustier winds that would contribute to elevated fire behavior.

**AIR OPERATIONS:** Hot and dry condition could lead to bumpy air bumpy air. See weather forecast.

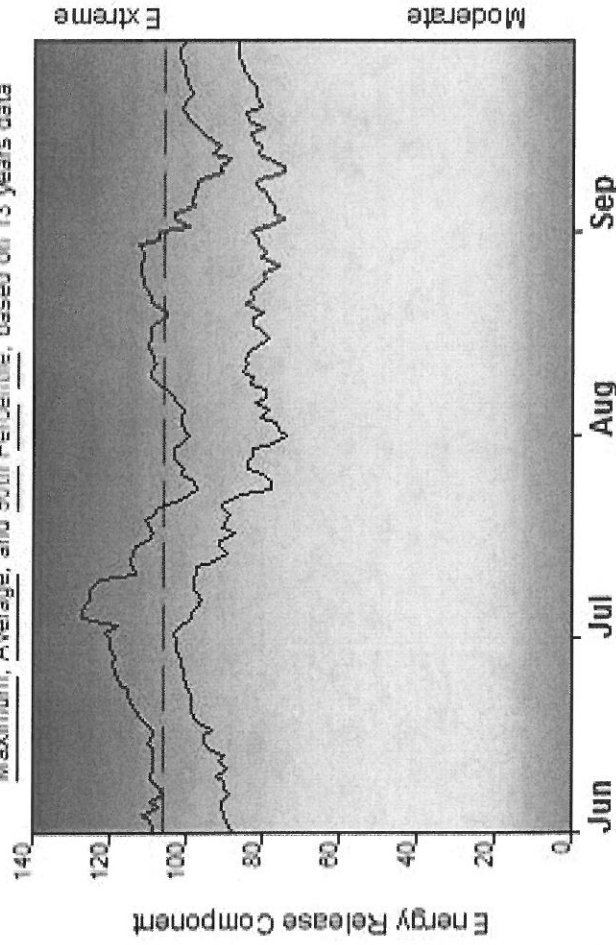
## SAFETY

Asking me to overlook a simple safety violation would be asking me to compromise my entire attitude towards the value of your life.....

RAWS Talker: TX/RX 163.350- Angel Peak Code: 0024 Carpenter Cyn. Code:0022

## FIRE DANGER -- Carpenter 1

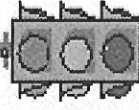
Maximum, Average, and 90th Percentile, based on 13 years data



## Fire Danger Area:

- South Deserts
- Wx Zones 482-486
- Kyle Canyon/Mtn. Springs
- Meets NWCG Wx Station Standards

## Fire Danger Interpretation:



**EXTREME** — Use extreme caution  
(Caution) — Watch for change  
**Moderate** — Lower Potential, but always be aware

**Maximum** — Highest Energy Release Component by day for 2000 - 2012

**Average** — shows peak fire season over 13 years (1568 observations)  
**90th Percentile** — Only 10% of the 1568 days from 2000 - 2012 had an Energy Release Component above 106

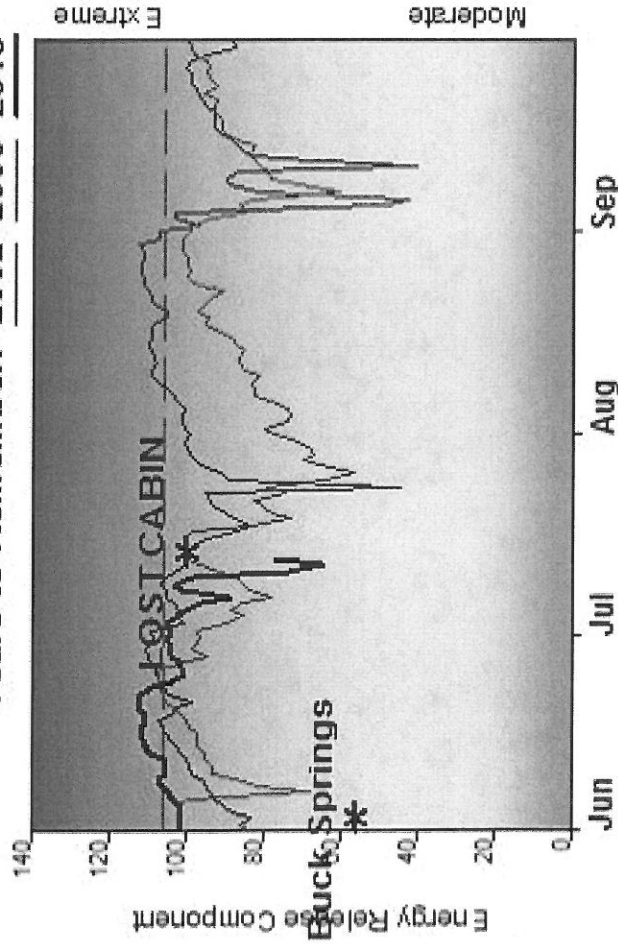
## Local Thresholds - Watch out: Combinations

of any of these factors can greatly increase fire behavior:

**20" Wind Speed** over 17 mph, RH less than 8%,

**Temperature** over 105, **Energy Release Component** over 99

## Years to Remember: 2002 2006 2013



**Fuel Model: G - Short-Needle (Heavy Dead)**



## Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape — Fuel, Weather, Topography.
- ✓ Listen to weather forecasts — especially WIND.

## Past Experience:

- \* Pay close attention to fires during unstable airmass conditions.
- \* Fire may exhibit extreme rates of spread when it aligns with slope and winds.
- \* LOOKOUTS-COMMUNICATIONS-ESCAPE ROUTES-**SAFETY ZONES**


Responsible Agency: USFS NV-HTF

FF+4.1 Beta 07/13/2013-19:22 (\\nrm\ddbd3ds1\bd\users\njnyrum\Desktop\Carpenter1)


Design by NWCG Fire Danger Working Team


ed by (Planr




<b>Division Assignment List</b>			1. Branch <b>I</b>		2. Division/Group <b>Y</b>		
3. Incident Name <b>CARPENTER 1</b>			4. Operational Period <b>07/14/13 Sunday Day Shift 0600 - 2000</b>				
5. Operations Personnel							
Field Operations Chief	COLLINS, ROD / OLSON, CHAD (t)		Division/Group Supervisor		GERHARDSON, PHIL / INGRAM, MARK (t)		
Planning Operations Chief	WASHA, BRAD / MCCOY, JW (t)		Air Attack Supervisor		BASS, JEFF / SKELTON, RANDY (t)		
Branch Director	ZIMMERLEE, RICHARD / RAMIREZ, C (t)		Safety Officer		BLOMS, ROD / YOUNG, PHIL		
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time		Pick Up PT./Time
C-43 HC2IA HOPI 7/24		PANANA, FREDDIE	20	N	Torino Spike / 0600		Torino Spike / 2000
C-47 HC2IA ZUNI 7/24		MARTINEZ, KYLE	20	N	Torino Spike / 0600		Torino Spike / 2000
C-46 HC2IA SAN CARLOS 7/24		JOHNSON, ROBERT	21	N	Torino Spike / 0600		Torino Spike / 2000
C-33 HC2IA PAYETTE REG 7/14		JOHNSON, PATRICK	21	N	Kyle Spike / 0600		ICP / 2000
C-41 HC2IA COLOR COUNTRY 3 IA 7/24		BROTHWELL, DAVE	20	N	Kyle Spike / 0600		Torino Spike / 2000
E-3 ENG3 - VELASQUEZ (ANF 16, ANF 24, ANF 33, ANF 13, & ANF 21) 7/14		VELAZQUEZ, RENE	26	N	Torino Spike / 0600		ICP / 2000
		HERRERA, GREG (t)					
E-4 ENG3 - GARCIA (ANF 112, ANF 19, ANF 25, ANF 35, & ANF 39) 7/17		GARCIA, HERMAN	26	N	Kyle Spike / 0600		Torino Spike / 2000
		RANEY, ROBERT (t)					
E-225 AMBU A.M.R. 2 7/23		RYTEL, JOE	2	N	Torino Spike / 0600		Torino Spike / 2000
O-85 TFLD 7/19		FREEMAN, TODD	1	N	Torino Spike / 0600		Torino Spike / 2000
O-164 TFLD 7/21		SEXTON, TODD (t)	1	N	Torino Spike / 0600		Torino Spike / 2000
O-92 SOFR 7/20		SAVOR, DOUG	1	N	Torino Spike / 0600		Torino Spike / 2000
O-53 SOF2 7/18		SYMMES, DAN	1	N	Torino Spike / 0600		Torino Spike / 2000
O-75 EMTF 7/21		STEVENSON, JOEL	1	N	Torino Spike / 0600		Torino Spike / 2000
O-197 EMTF 7/21		GOODALL, HAYDON	1	N	Torino Spike / 0600		Torino Spike / 2000
O-200 EMTF 7/20		DESHAW, BILL	1	N	Torino Spike / 0600		Torino Spike / 2000
7. Control Operations Patrol and mop up line along the division. Utilize aircraft for support.							
8. Special Instructions Coordinate with resources advisors. Backhaul trash. All Divisions identify resources available for Initial Attack. Lower road will be open to residents. <b>See Fire Suppression Rehabilitation Plan and implement as appropriate.</b>							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command		SEE	ATTACHED	COMM	PLAN		
Tactical							
Logistics							
Air to Ground							
Prepared by (Resource Unit Leader) /s/ Trish Callaghan (t)		Approved by (Planning Section Chief) 			Date Prepared 07/13/13		Time Prepared 2000

ICS 204

<b>Division Assignment List</b>				1. Branch <b>II</b>		2. Division/Group <b>U</b>		
3. Incident Name <b>CARPENTER 1</b>				4. Operational Period <b>07/14/13 Sunday Day Shift 0600 - 2000</b>				
5. Operations Personnel								
Field Operations Chief		COLLINS, ROD / OLSON, CHAD (t)		Division/Group Supervisor		JACKSON, GREG / GOMEZ, ROB (t)		
Planning Operations Chief		WASHA, BRAD / JW MCCOY (t)		Air Attack Supervisor		BASS, JEFF / SKELTON, RANDY		
Branch Director		BURCH, GREG / KOONTZ, MARK (t)		Safety Officer		BLOMS, ROD / YOUNG, PHIL		
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator				Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	
C-5 HC1 LITTLE TUJUNGA 7/17				LIAU, ALEXANDER	17	N	Kyle Spike / 0600	
C-35 HC1 BAKER RIVER 7/15				POYNER, ROB	22	N	ICP / 0600	
C-49 HC2IA NAVAJO SCOUTS 7/24				PESHLAKAI, LEONARD	20	N	Kyle Spike / 0600	
C-19 HC2IA SRV #9 7/16				RUIZ, BONIFACIO	20	N	Kyle Spike / 0600	
C-31 HC12 THREE LAKES 2 7/21				ARROYO, RAUL	26	N	ICP / 0600	
C-50 HC2 ANGORA PEAK IA 7/23				GOLDBERG, MARTIN	20	N	Kyle Spike / 0600	
E-149 ENG3 LAKE MEREDITH 7/22				SAMBERSON, ASHLEY	5	N	Kyle Spike / 0600	
E-151 ENG4 LAS CRUCES 3404 7/22				SELBY, JOHN	4	N	Kyle Spike / 0600	
E-150 ENG4 ROSWELL 5462 7/22				KELLER, TROY	5	N	Kyle Spike / 0600	
E-157 ENG4 ASAP 7/22				SWANSON, MATT	4	N	Kyle Spike / 0600	
E-224 AMBU - AMR A.M.R. 1 7/23							Kyle Spike / 0600	
O-242 TFLD 7/22				MATHESON, CLAY	1	N	Kyle Spike / 0600	
O-241 TFLD (t) 7/22				BIGLER, KYLE	1	N	Kyle Spike / 0600	
O-149 FOBS 7/21				RICHWINE, BEAU	1	N	Kyle Spike / 0600	
O-148 FOBS 7/21				OLDS, BOBBY	1	N	Kyle Spike / 0600	
O-154 SOF2 7/20				MACKENSEN, JIM S	1	N	Kyle Spike / 0600	
O-202 EMTF 7/21				JUSTIN KRITER	1	N	Kyle Spike / 0600	
O-199 EMTF 7/21				BECKER, BRIAN	1	N	Kyle Spike / 0600	
O-74 EMPF 7/21				FISHER, JOSHUA	1	N	Kyle Spike / 0600	
7. Control Operations Construct line south of Kyle Canyon Road where terrain allows for access.								
8. Special Instructions All Divisions identify resources available for Initial Attack.  <b>See Fire Suppression Rehabilitation Plan and implement as appropriate.</b>								
9. Division/Group Communications Summary								
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel	
Command		REFER	TO	COMMO	PLAN			
Tactical								
Logistics								
Air to Ground								
Prepared by (Resource Unit Leader) /s/Trish Callaghan (t)			Approved by (Planning Section Chief) 			Date Prepared 07/13/13		
						Time Prepared 2000		

<b>Division Assignment List</b>			1. Branch <b>II</b>		2. Division/Group <b>V</b>	
3. Incident Name <b>CARPENTER 1</b>			4. Operational Period <b>07/14/13 Sunday Day Shift 0600 - 2000</b>			
5. Operations Personnel						
Field Operations Chief		COLLINS, ROD / OLSON, CHAD (t)		Division/Group Supervisor		HORYZA, CHRIS
Planning Operations Chief		WASHA, BRAD / JW MCCOY (t)		Air Attack Supervisor		BASS, JEFF / SKELTON, RANDY
Branch Director		BURCH, GREG / KOONTZ, MARK (t)		Safety Officer		BLOMS, ROD / YOUNG, PHIL
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time
C-9 HC2 BLACK EAGLES 4 7/18		MCDARMENT, LOREN		22	N	ICP / 0600
E-195 ENG4 BUSCHER'S 419 7/20		BUSCHER, NICOLE		3	N	ICP / 0600
E-158 ENG4 ABD 1441 7/23		PETERMAN, FORREST		4	N	ICP / 0600
E-185 WTT2 ALPINE TENDER 7/23		GOETZ, SHWAN		1	N	ICP / 0600
HTF Excavator						ICP / 0600
E-197 DOZ2 PLUMAS #2 7/18		ADAMS, TRAVIS		2	N	ICP / 0600
E-198 DOZ2 DOTTIE MAE 7/23		PHILLIPS, EARL		2	N	ICP / 0600
O-146 TFLD 7/21		KNOX, JESSE		1	N	ICP / 0600
O-264 TFLD 7/24		TOERPE, SETH (t)		1	N	ICP / 0600
O-263 HEQB 7/24		ALEXANDER, SCOTT		1	N	ICP / 0600
O-132 STCR 7/20		FULLMER, DONALD		1	N	ICP / 0600
O-224 SOF2 7/21		CASEY, BILL		1	N	ICP / 0600
O-98 AEMF 7/21		SPARKS, RICHARD		1	N	ICP / 0600
O-198 EMTA 7/21		WITTMAN, TRENT		1	N	ICP / 0600
7. Control Operation Maintain structure protection for Harris and Prospect Ranches. Ensure 100% mop-up for any threat to developments. Patrol and mop-up to secure division within fire perimeter. Rehab dozer line on spot fire to the north of H-157.						
8. Special Instructions All DIVS identify resources available for Initial Attack. Coordinate rehab with READ. All heavy equipment to weed wash near Kyle Camp - contact ground support prior to demob.  <b>See Fire Suppression Rehabilitation Plan and implement as appropriate.</b>						
9. Division/Group Communications Summary						
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System
Command		<b>REFER</b>	<b>TO</b>	<b>COMMO</b>	<b>PLAN</b>	
Tactical Div/Group						
Logistics						
Air to Ground						
Prepared by (Resource Unit Leader) Cindy Schaefer (t)			Approved by (Planning Section Chief) 		Date Prepared 07/13/13	Time Prepared 2000

<b>Division Assignment List</b>			1. Branch <b>II</b>		2. Division/Group <b>STRUCTURE / IA</b>		
3. Incident Name <b>CARPENTER 1</b>			4. Operational Period <b>07/14/13 Sunday Day Shift 0600 - 2000</b>				
5. Operations Personnel							
Field Operations Chief		COLLINS, ROD / OLSON, CHAD (t)		Division/Group Supervisor		BYINGTON, RUSSELL/ BUNN, BRIAN	
Planning Operations Chief		WASHA, BRAD / JW MCCOY (t)		Air Attack Supervisor		BASS, JEFF / SKELTON, RANDY	
Branch Director		BURCH, GREG / KOONTZ, MARK (t)		Safety Officer		BLOMS, ROD / YOUNG, PHIL	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
E-176 ENG4 PAYETTE 441 7/22		MILLER, HOBY		4	N	Kyle Spike / 0600	Kyle Spike / 2000
E-194 ENG4 BLAZE RUNNERS 16 7/23		NITZEL, SAGE		3	N	Kyle Spike / 0600	Kyle Spike / 2000
E-211 ENG6 CRIDDLE 60 7/24		CRIDDLE, PAUL		3	N	Kyle Spike / 0600	Kyle Spike / 2000
E-39 ENG6 CB FIRE 39 7/19		BOWER, BRETT		3	N	Kyle Spike / 0600	Kyle Spike / 2000
E-173 ENG6 BRIAN HEAD 76 7/22		GOLDHIRSCH, BOB		2	N	Kyle Spike / 0600	Kyle Spike / 2000
E-47 ENG6 UTAH FIRE 603 7/19		SPRAYCAR, KRISTA		3	N	Kyle Spike / 0600	Kyle Spike / 2000
E-213 ENG6 ULTIMATE 3 7/24		WALQUIE, JASON		3	N	Kyle Spike / 0600	Kyle Spike / 2000
E-219 ENG6 ASF 663 7/24		HILL, TIM		4	N	Kyle Spike / 0600	Kyle Spike / 2000
E-24 ENG3 3 POINTS MODULE 7/18		ADER, CHRIS		3	N	ICP / 0600	ICP / 2000
E-210 WTT1 LYNX 7/24		SULLIVAN, DAN		2	N	Kyle Spike / 0600	Kyle Spike / 2000
E-121 WTT2 PAHRUMP 2 7/17		ASHCROFT, JOHN		1	N	Kyle Spike / 0600	Kyle Spike / 2000
O-131 STEN 7/20		BRIDGEN, RYAN		1	N	Kyle Spike / 0600	Kyle Spike / 2000
O-178 STEN (t) 7/20		WRIGHT, CHRIS		1	N	Kyle Spike / 0600	Kyle Spike / 2000
O-83 TFLD 7/19		KRENKEL, JERROD		1	N	Kyle Spike / 0600	Kyle Spike / 2000
E-176.1 TFLD (t) 7/14		JOHNSON, DAWN		1	N	Kyle Spike / 0600	Kyle Spike / 2000
O-102.58 STPS 7/19		BUNN, BRIAN		1	N	ICP / 0600	ICP / 2000
O-84 STEN 7/20		LINDSTRAND, CURT		1	N	ICP / 0600	ICP / 2000
O-122 STEN 7/20		MOLITOR, BEN		1	N	ICP / 0600	ICP / 2000
7. Control Operation Develop structure protection plan in coordination with the Humbolt Toiyabe National Forest (HTNF). Provide IA response per Initial Attack plan. Ensure 100% mop-up for any threats to developments within Kyle Canyon.							
8. Special Instructions Assist DIVS in all Branches as needed and as directed by Operations.  <b>See Fire Suppression Rehabilitation Plan and implement as appropriate.</b>							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command		<b>REFER</b>	<b>TO</b>	<b>COMMO</b>	<b>PLAN</b>		
Tactical Div/Group							
Logistics							
Air to Ground							
Prepared by (Resource Unit Leader) Cindy Schafer (t)		Approved by (Planning Section Chief) 			Date Prepared 07/13/13		Time Prepared 2000







ICS 204 Final Page 1 of 1 ICS 204 Forms

<b>AIR OPERATIONS SUMMARY 220</b>			Prepared By: Keith Talley		Prepared Date: 07/13/2013		Prepared Time: 2000 hrs	
1. INCIDENT NAME: CARPENTER 1			2. OPERATIONAL PERIOD DATE: 07/14/2013		START TIME: 0700		END TIME: 2030	
					SUNRISE: 0534		SUNSET: 1958	

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.). GPS settings: hddd°mm.mmm' with WGS 84 selected as the map datum. High Density Altitudes!! Special care needed to ensure load calculations are accurate. Ensure Bucket Capacity – Is current w/Load Aircraft Managers document Wilderness intrusion <b>PLACE ALL ORDERS TO SUPPLY HELITACK WILL LOAD ALL NETS!!!</b> <b>SEE &amp; AVOID</b>				4. READY ALERT AIRCRAFT: MEDEVAC: OMA  5. INITIAL ATTACK: AIRCRAFT: H-517				6. TFR: 3/2512 – 12NM (Latitude: 36°12'12"N, Longitude: 115°39'28"W) 12,000 MSL (132.275)			
--	--	--	--	---	--	--	--	--	--	--	--

7. PERSONNEL	NAME	PHONE #	8. FREQUENCIES	AM	FM	9. FIXED-WING Avail/ Type/ Make-Model/ N#/ Base
AOBD	Keith Talley	208-756-7205	Fixed Wing Victor	132.275 [A-49]		AIRTANKERS: Order thru Dispatch / Check Retardant Avoidance Map / Wilderness - Waterways
ASGS / BR 1	Will Worthwine	208-631-9551	Rotor Victor	119.075 [A-35]		LEAD PLANES: Order thru Dispatch.
ASGS /BR 2-3 ASGS/BR 2	Bob Butler Paul Borcharding	702-241-0799 541-377-5200				
ASGS / BR 2 ATGS	Myles Hancock Randy Skelton	541-786-1357 208-630-4120	Primary Air/Ground		166.9375	Air Attack 3AB – Baron 55 Air Attack N669J – AC500 Air Attack N31WD—AC-690
ATGS ATGS	Jeff Bass Eric Hutchens	208-870-5305 208-329-0358	Air/Ground 2		166.8500	LAS VEGAS HELIBASE (VGT) 702-308-9596
ATGS (T)	Chris Vero	307-413-2035	DECK		163.100	
HEB1	Audrey Huse	435-592-1112	N. Las Vegas Tower	125.7		PORTABLE RETARDANT PLANT: KYLE CANYON 36' 16.782 X 115' 27.385
HLCO	Dave W, Phillips	209-770-0904	Air Guard		168.625 (110.9)	AVIATION DISPATCH: 702-515-5300

FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
HT-715 [A-23]	1	S-64	N Vegas VGT	0700	0800	Armando Lobo 951-315-5858	5KA [A-14]	2	B212HP	N Vegas VGT (16th)	0700	0800	Rick Sorenson 208-634-9420
HT-716 (A-67)	1	S-64B	N Vegas VGT	0700	0800	Bob Schimdt 520-250-3773	65H A-64	2	Bell 205++	N Vegas VGT (15th)	0700	0800	Josh Pierotte 559-909-9151
HT-737 (A-68)	1	S-64E	N Vegas VGT	0700	0800	Sergio Ochoa 575-519-9012	H-517 A-86	2	212HP	N Vegas VGT (16th)	0700	0800	Blaine Coyle 209-768-0073
HT-795 [A-50]	1	S-64	N Vegas VGT	0700	0800	Steve Christenson 208-451-5769	210 MA A-87	2	Bell-210	N Vegas VGT (rotation)	0700	0800	Beau Dobberstein 406-370-3379

FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
8PT (A)-28)	3	AS350-B2	N Vegas VGT (on rotation)	0700	0800	Mike Wallace 760-616-0013	0CR A-105	3	AS350B-2	N Vegas VGT	0700	0800	Erin Burkhammer 317-509-9541
7MB [A-6]	3	AS350B-3	Pahrump (7-15)	0700	0800	Rob Heavirland 218-343-7995	71HM (A-119)	3	206 L-4	N Vegas VGT	0700	0800	Mike Peltier 612-390-9827

## ICS 220 - Continued

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)													
TYPE/FUNCTION	PRIORITY	NAME OF PERSONNEL OR CARGO (if applicable) or instructions for tactical aircraft						MISSION START	FLY FROM	FLY TO			
Gear Shuttle		Ukonom (Gear)HC1						AM	HS-90	HS-80			
Gear Shuttle		Bear Divide (Gear) HC1						AM	36'11.855 115'3.475	Spring HS			
Gear Shuttle		Roosevelt HC1, Mill Creek HC1 Middle Spike-36 11 855 x 115 36 725 to W-X Spike 36 11 623 x 115 32 475						AM	36'11'855 115'3. 475	36'11.623 115'32.475			
Crew Shuttle		Bear Divide HC1						1400	H-110	Spring HS			
Vegas Helibase		Will approve all new Helispots and Dipsite locations.											
Retardant Plant Kyle Canyon		Plant is operational. Myles Hancock (ASGS) 541-786-1357 will oversee retardant operations.											
Hoist Helicopter Medevac		Medical Unit will order through Las Vegas Interagency Coordination Center (LVICC).											
Medevac Transport to Ground Ambulance		Red Rock Charleston Overlook Medevac HS - 36 07 049 X 115 26 655 Helicopter transfer to Ground transport.											
Initial Attack		Support Local IA. Ensure that local Frequencies are programmed into radios. IA Helicopter is H-517.											
Lovell Dip Site		Longline only. Type 2 and Type 3 Helicopters only											
Aerial Ignition Helicopter		8PT will conduct Aerial Ignition Helicopter operations as requested.											
Helibase Com. Trailer E-179		North Las Vegas Airport											

APPROVED BY: KEITH TALLEY

*Keith Talley*

INCIDENT RADIO COMMUNICATIONS PLAN				Incident Name Carpenter 1 Fire		Date/Time Prepared 7/13/13		Operational Period Date/Time 7/14 0600-2200 & Night Shift			
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	COMMAND	COMMAND 1	ALL DIVISIONS	166.6125		136.5	168.4000		136.5	A	CMD NET ON CHARLESTON
2	COMMAND	COMMAND 2	ALL DIVISIONS	170.6875		136.5	166.5750		136.5	A	CMD NET ON POTOSI
3	COMMAND	COMMAND 3	ALL DIVISIONS	166.3125		136.5	172.4750		136.5	A	CMD NET ON ANGEL
4	TACTICAL	TAC 1	DIV V	168.0500		136.5	168.0500		136.5	A	
5	TACTICAL	TAC 2	KYLE T/F	168.2000		136.5	168.2000		136.5	A	
6	TACTICAL	TAC 3	DIV T & DIV A/Z	168.6000		136.5	168.6000		136.5	A	
7	TACTICAL	TAC 4	DIV U & DIV E/C	168.7000		136.5	168.7000		136.5	A	
8	TACTICAL	TAC 5	DIV W	166.7250		136.5	166.7250		136.5	A	
9	TACTICAL	TAC 6	DIV Y	166.7750		136.5	166.7750		136.5	A	
10	TACTICAL	TAC 7	IA	168.2500		136.5	168.2500		136.5	A	
11	TACTICAL	TAC 8	DIV X	169.1500		136.5	169.1500		136.5	A	
12	FOREST RPTR	CHARLESTON	CHARLESTON	169.8750			170.4750		156.7	A	FOREST NET
13	BLM RPTR	POTOSI	POTOSI	169.4000			168.5250		203.5	A	BLM NET
14	Air to Ground	A/G 1	PRIMARY	166.9375			166.9375			A	AIR TO GROUND 1
15	AIR TO GROUND	A/G 2	SECONDARY	166.8500			166.8500			A	AIR TO GROUND 2
16	Air Emergency	Air Guard		168.6250		110.9	168.6250		110.9	A	Emergency Use Only
Prepared by (Communications Unit) Vance Andersen				Incident Location Centennial High School Las Vegas, Nevada							
				County	State NV	Latitude	N	Longitude	W		

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

INCIDENT RADIO COMMUNICATIONS PLAN				Incident Name Carpenter 1 Fire		Date/Time Prepared 7/13/13		Operational Period Date/Time 7/14 INITIAL ATTACK			
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	FOREST RPTR	CHARLESTON	CHARLESTON	169.8750		110.9	170.4750		156.7	A	Forrest Net
2	FOREST RPTR	ANGEL	ANGEL	169.8750		110.9	170.4750		146.2	A	Forrest Net
3	FOREST RPTR	POTOSI	POTOSI	169.8750		110.9	170.4750		123.0	A	Forrest Net
4	FOREST	FS R4 SOA	SOA	168.7750			168.7750			A	
5	BLM	BLM SOA	SOA	171.6750		114.8	171.6750		114.8	A	
6	BLM REPEATER	BLM REDROCK	REDROCK	172.5250		114.8	166.2375		114.8	A	BLM NET
7	BLM REPEATER	BLM HAYFORD	HAYFORD	169.4000			168.5250		186.2	A	BLM NET
8	BLM REPEATER	BLM VIRGIN	VIRGIN	169.4000			168.5250		173.8	A	BLM NET
9	COMMAND	COMMAND 1	ALL DIVISIONS	166.6125		136.5	168.4000		136.5	A	
10	COMMAND	COMMAND 2	ALL DIVISIONS	170.6875		136.5	166.5750		136.5	A	
11	TACTICAL	TAC 7	IA	168.2500		136.5	168.2500		136.5	A	
12	AIR TO GROUND	Carpenter A/G Prim	PRIMARY	166.9375			166.9375			A	AIR TO GROUND 1
13	AIR TO GROUND	Carpenter A/G SEC	SECONDARY	166.8500			166.8500			A	AIR TO GROUND 2
14	Air to Ground	A/G 23		166.7625			166.7625			A	
15	AIR TO GROUND	A/G 8		166.8750			166.8750			A	
16	Air Emergency	Air Guard		168.6250		110.9	168.6250		110.9	A	Emergency Use Only
Prepared by (Communications Unit) Vance Andersen				Incident Location		Centennial High School	Las Vegas, Nevada				
				County	State NV	Latitude	N	Longitude	W		

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

# INCIDENT SAFETY ANALYSIS (215a)

## Carpenter 1

DIV	HAZARDS	MITIGATIONS
All	Driving & Traffic	<ul style="list-style-type: none"> <li>Practice "Defensive Driving" techniques traveling along Hwy 95, 160</li> <li>Position vehicle away from <b>DANGER</b> for quick egress</li> <li>Use spotters when backing, honk horn to alert personnel, and use headlights</li> <li>Follow 3 second rule when driving; Use chock blocks, turn wheels into hill</li> </ul>
All/ICP	Heat Related Illness (HRI) & Dehydration	<ul style="list-style-type: none"> <li>Drink fluids throughout operational period</li> <li>Carry extra water to line, and cache water at drop points</li> <li>Take frequent breaks, 10 minutes every hour</li> <li>Recognize symptoms of <b>HEAT RELATED ILLNESS</b> which include: <ul style="list-style-type: none"> <li>Lack of energy      Headaches, dizziness</li> <li>Lack of rest      No hunger, poor eating habits</li> <li>Hot skin, and lack of sweating</li> </ul> </li> </ul>
All	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> <li>Maintain 8'-10' spacing when working &amp; walking</li> <li>Don't work above any personnel</li> <li>Evaluate necessity to send personnel in areas with limited access</li> <li>Avoid rock scree areas</li> </ul>
All	Mop-up & Rehab	<ul style="list-style-type: none"> <li>Do not work above or below personnel during rehab/mop-up operations</li> <li>Alert crew personnel of rolling debris by yelling to affected individuals</li> <li>Position debris that could roll vertically on slope to limit rolling of object</li> <li>Wear appropriate PPE including eye protection</li> <li>Maintain safe distance from mechanized equipment</li> </ul>
Structure	Structure Protection & Hazmat	<ul style="list-style-type: none"> <li>Review "Wildland Urban Interface" Watch outs, IRPG page 10</li> <li>Use "Structure Assessment" checklist, IRPG pages 11-14</li> <li>Follow "HAZMAT Incident Operations" on pages 32-37 in IRPG</li> </ul>
All	Power Lines & Utilities	<ul style="list-style-type: none"> <li>Notify all personnel of down electrical lines.</li> <li>Refer to the IRPG pages 22-23 for Power Line Safety</li> <li>Always treat downed wires as energized</li> </ul>
C,E,Y,X,W,U, T	Line Construction	<ul style="list-style-type: none"> <li>Ensure LCES in place prior to engagement (IRPG) p.6</li> <li>Use Downhill Line Checklist (IRPG) p.8</li> <li>Utilize Risk Management Process (IRPG) p.1</li> </ul>
All	Chainsaw Operations	<ul style="list-style-type: none"> <li>Follow "Hazard Tree Safety" guidelines, IRPG pages 20 &amp; 21</li> <li>Look up, down around for hazard tree indicators</li> <li>Only fell and buck trees within your expertise, and training</li> <li>Follow "Procedural Felling Operations" on page 89 in IRPG</li> <li>Do not fall trees during high wind events"</li> </ul>
U, V	Mechanized Equipment	<ul style="list-style-type: none"> <li>Ensure communication with operator by hand signals, radio or visual cues</li> <li>Maintain 100' or greater distance from all mechanized equipment</li> </ul>
All	Air Operations	<ul style="list-style-type: none"> <li>Follow "Aviation Watch-Out Situations" on page 52, IRPG</li> <li>Don't plan on air resources for medical transport or re-supply</li> <li>Directing Bucket Drops, refer to page 65, IRPG</li> <li>Ensure positive communication with varied air resources</li> </ul>
All	Public	<ul style="list-style-type: none"> <li>Be alert to non-fire personnel in areas with suppression personnel</li> <li>Don't park/block driveways in subdivisions</li> <li>Post lookouts to in areas with public to avoid conflicts with mission tasks</li> </ul>
I.A.	Initial Attack	<ul style="list-style-type: none"> <li>Follow the "Briefing Checklist" on IRPG back page</li> <li>Use "Risk Management" approach prior to suppression actions</li> <li>Ensure communications are adequate with ICP</li> </ul>
Name Carpenter 1	DATE & TIME PREPARED 07/14/2013      2000	OPERATIONAL PERIOD 07/14/2013 Day 0600-2000 Night 1800-0800

Prepared by Safety Officer:

*Rock Blume*

Reviewed by Operations Section Chief:

*Chris Walker ASCE*

## HEALTH AND SAFETY MESSAGE

**SAFETY** starts with **YOU** - We are **ALL** accountable for **SAFE** behaviors

For Day/Night Operations: July 14, 2013

INCIDENT: **Carpenter 1**

DATE: July 14, 2013

TIME: 0600

### Major Hazards and Risks:

- **DRIVING:** Observe posted speed limits, Be aware of other drivers, personnel and wildlife, Be alert and watch for public and other non-operational personnel in fire areas.
- **Heat Related Illness (HRI):** Take care to monitor the health and welfare of yourself and crew, drink plenty of water/fluids, take frequent breaks, get 8 hours of sleep, and get enough food to support your task of the day.
- **Mop-up & Rehab:** Per agency standards and 215a mitigations on the next page.

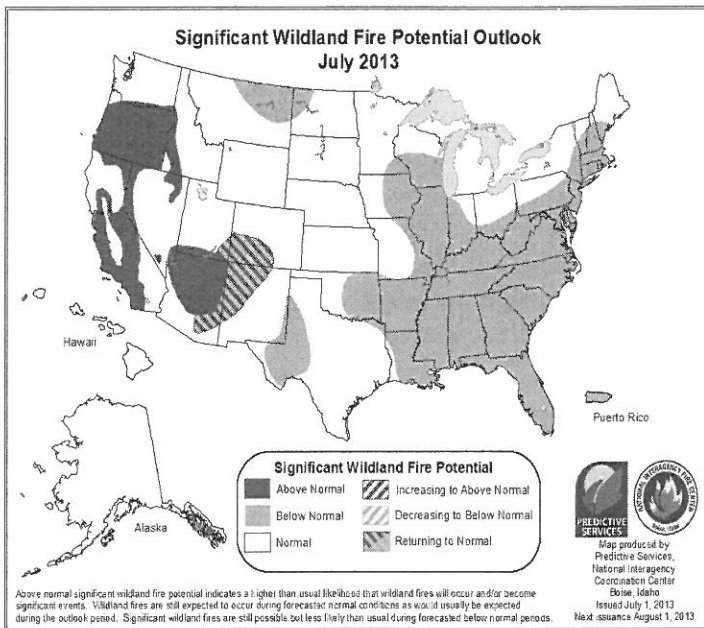
### Fire Order of the Day:

#### Know what your fire is doing at all times:

- Safety is of utmost importance.
- Constantly review and apply the Risk Management Process, IRPG page 1.
- Be particularly cautious around snags: IRPG 20.
- Burning or partially burned live and dead trees.

## MANAGE FATIGUE REMEMBER -- FATIGUE IS CUMULATIVE!!!!

(It's going to be a long and active fire season)



### Standard Wildfire EMS Principles

- Know what the operational and medical/evacuation plans are at all times.
- Base all medical plans (ICS 206) on current and expected operational plans and tactics and in coordination with local EMS.
- Maintain good communication with your EMS resources, monitor appropriate radio frequencies.

**Remember just like having good Situational Awareness, escape routes and safety zones, continually assess your situation and always keep in mind the nearest medical evacuation location, know your Medical Plan and clearly identify your emergency traffic.**

- All employees on an incident need to read and understand the Medical Plan each day.
- Employees on the fire line need to know their location on the line, distance from drop point and other access points.
- Supervisors on the fire line need to know where employees are working on the line.
- Know the process. Know the procedures. Know your role in each.

### Thanks from your Safety Team!!

Branch I: Phil Young, Floyd Bartlett, Dan Symmes, & Doug Savor

Branch II: Rod Bloms, Bill Casey, Chris Church, Jim MacKensen, Pete Villa, & Robby Bisby.

Branch III: Mike Smith & Kris Wilson.

### Don't forget.....

Risks and uncertainties relating to firefighting activities must be understood, analyzed, communicated, and managed as they relate to the cost of either doing or not doing an activity.



Today's discussion is from the  
Motorized Operations Category.

## DRIVING SAFETY

Driving is one of the most hazardous things we do because we literally perform the task hundreds of times in the course of our daily lives we tend to take it for granted. Based on recent accident trends, vehicle accidents are the source of more deaths and serious injuries to wildland firefighters than any other single cause.

- To be a safe driver you have to *want* to be one. Take a good hard look at your driving habits. Are you training yourself to do the right things the right way, like fastening your seat belt, checking your mirrors, and maintaining safe following distances?
- Inattentiveness is a major contributing factor in motor vehicle accidents within the wildland firefighting community. Since the average adult attention span is 15-20 minutes we must develop techniques that allow us to refocus our attention on our driving.
- Many things can lure our attention away from our driving such as: fatigue, eating and drinking, reading directions and maps, writing, cell phone and radio use, conversation within the vehicle and music.
  - ✓ Drive only when you are well rested and alert and avoid driving during the hours of 10:00 PM and 6:00 AM. Take a 10 to 15 minute break after every 2 hours.
  - ✓ Practice situational awareness; be aware of what is happening in front, behind, and on both sides of your vehicle.
  - ✓ Never drive when taking medications that make you drowsy.
  - ✓ Delegate navigation and communication to a passenger or pull over.
  - ✓ By constantly moving your vision, checking mirrors and distant road conditions, you can avoid highway hypnosis and daydreaming.
  - ✓ Avoid eating or drinking while driving.
  - ✓ When talking with passengers, keep your eyes on the road and both hands on the steering wheel. Avoid serious or argumentative conversations.
  - ✓ Do not be in a hurry, be patient.
- Safe driving starts with a safe vehicle. Something as simple as under-inflated tires can have serious consequences. Before operating any vehicle, do a walk-around to look for potential problems, make sure the lights and blinkers work, and adjust your seat and mirrors. If it is the first time you have driven the vehicle, make yourself aware of where everything is.

**Additional Resources:**

Video: Firefighter Remember This Series - [Firefighter: Remember This - Engine Rollover: Why This Accident Started Months Ago](#)  
[Interagency Standards for Fire and Fire Aviation Operations](#)

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Have an idea? Have feedback? Share it.

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<b>MEDICAL PLAN</b>	1. Incident Name <b>CARPENTER 1</b>	Date prepared <b>07/13/2013</b>	2. Time Prepared <b>1800</b>	3. Operational Period <b>7/14/13 0600-2200</b>
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5. Incident Medical Aid Station				
Medical Aid Stations	Location	Paramedic Yes No		
<b>BRUCE HICKS MEDL</b>	<b>ICP - CENTENNIAL HIGH SCHOOL</b>	<b>X</b>		
<b>POLLY JOHNSON</b>	<b>BOB RUUD COMMUNITY CENTER</b>		<b>X</b>	

6. Transportation				
A. Ground Ambulance Services				
Name	Location	Phone	Paramedic Yes No	
<b>AMR 1</b>	<b>KYLE</b>	<b>(702) 384-3400</b>	<b>X</b>	
<b>AMR 2</b>	<b>TORINO SPIKE</b>	<b>(702) 384-3400</b>	<b>X</b>	
B. Air Ambulance Services				
Name	Location	Phone	Paramedic Yes No	
<b>LAS VEGAS METRO 6 (SAR)</b>	<b>LAS VEGAS, NV HOIST AND NIGHT CAPABILITIES</b>	<b>(702) 515-5300 (DISPATCH)</b>	<b>X</b>	
<b>MERCY AIR</b>	<b>PAHRUMP, NV</b>	<b>(702) 382-3000</b>	<b>X</b>	
<b>CAREFLIGHT</b>	<b>LAS VEGAS, NV</b>	<b>(702) 382-3000</b>	<b>X</b>	

7. Hospitals							
Name	Address	Travel Time Air Ground		Phone	Helipad Yes No		Burn Center Yes No
<b>UNIVERSITY MEDICAL CENTER TRAUMA</b>	<b>1800 CHARLESTON BLVD. LAS VEGAS, NV</b>	<b>14 min</b>	<b>45 min</b>	<b>(702) 383-2000</b>	<b>X</b>		<b>X</b>
<b>CENTENNIAL HILLS HOSPITAL</b>	<b>6900 N. DURANGO DR. LAS VEGAS, NV</b>	<b>10 min</b>	<b>20 min</b>	<b>(702) 629-1210</b>	<b>X</b>		<b>X</b>
<b>SOUTHERN HILLS HOSPITAL &amp; MEDICAL CENTER</b>	<b>9300 W. SUNSET RD. LAS VEGAS, NV</b>	<b>10 min</b>	<b>25 min</b>	<b>(702) 880-2100</b>	<b>X</b>		<b>X</b>
<b>SUMMERLIN HOSPITAL</b>	<b>657 N Town Center Dr. LAS VEGAS, NV</b>	<b>5 min</b>	<b>16 min</b>	<b>(702) 233-7200</b>	<b>X</b>		<b>X</b>
<b>DESERT VIEW MEDICAL CENTER</b>	<b>360 SOUTH LOLA LN. PAHRUMP, NV</b>	<b>N/A</b>	<b>30 min</b>	<b>(775) 751-7500</b>	<b>X</b>		<b>X</b>

8. Medical Emergency Procedures							
In the event of a medical emergency the On-Scene Point of Contact (POC) will provide the following information to Carpenter 1 Communications on Command, Division Supervisor is to contact Air Attack.							
1. Declare the nature of the emergency on command.							
a. Medical injury/illness? Is it life threatening? (Medical Emergency vs. Medical Transport)							
"Medical Emergency" = life threatening incidents.							
"Medical Transport" = non-life threatening incidents.							
2. If Life Threatening, request that the designated frequency be cleared for emergency traffic							
3. Identify the On-Scene Point of Contact (POC) by Resource and last name (i.e. POC is TFLD Smith)							
4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates)							
5. Identify on-scene medical personnel by Position and name (i.e. EMT Jones)							
6. Identify preferred method of patient transport							
7. Request any additional resources and/or equipment needed							
8. Document all information received and transmitted on the radio or phone							
9. Identify any changes in the On-Scene POC or medical personnel as they occur							

**Location Specific Instructions:**

**Day Shift:**

ICP    Bruce Hicks MEDL    Lizzie Watson MEDL (t)    Stephen Neel EMT

**Branch 3**

Division: W- Jonathan Kirk Paramedic

Air transport to Red Rock Charleston Overlook for rendezvous with Air Medical, Ambulance, or Ground Support.

**Branch 2**

Division: T- Sherri McDougal EMT

Division: U- Josh Fisher Paramedic, Justin Kritter EMT, Brian Becker EMT

Division: V- Rick Sparks EMT, Trent Wittman EMT

Division: U- AMBU- AMR Branch 1

Air transport to Retardant Medivac for rendezvous with Air Medical, Ambulance, or Ground Support.

Helibase- Levi Clymer Paramedic

**Branch 1**

Pahrump Medical Unit: Polly Johnson EMT, Adam Faz EMT

Division: Y- Joel Stevenson Paramedic, Hayden Goodall EMT

Division: C-James Whiting Paramedic, SKED

Torino Spike: Bill DeShaw EMT, SKED

Torino Spike: AMBU- AMR 2

Air transport to Red Rock Charleston Overlook Medivac for rendezvous with Air Medical, Ambulance, or Ground Support.

**Night Shift:**

ICP    Bruce Hicks MEDL    Lizzie Watson MEDL (t)

**Branch 2**

Kyle Spike: AMBU- AMR 1

**Branch 1**

Pahrump Medical Unit: Polly Johnson EMT, Adam Faz EMT

Torino Spike: AMBU- AMR 2

**Name:**

**Point of Contact:**

**Lat:**

**Long:**

**Specific Instructions:**

Prepared on 7/13/2013 by,

Bruce Hicks MEDL

Lizzie Watson MEDL (T)

*[Signature]* MEDL

Reviewed by

Rod Bloms SOF1    7/13/2013

*[Signature]* SOF1

# Carpenter 1 Phone List

702-799-1475

<u>Unit</u>	<u>Extension</u>
Resource Advisor/Baer	05633203
IC	05633204
Ops/Resources	05633205
Communications	05633207
Fire Behavior	05633208
Safety	05633209
Liason	05633210
Security	05633211
Finance/Personnel Time	05633216
Cost/Comp Claims	05633216
Ordering	05633218
Logs/Facilities/Food	05633220
Human Resources	05634082
Air Ops/Documentation	05634084
Medical	05634021

<u>Phone Number</u>
GIS (801) 209-2087
Info/JIC (702) 799-4610
Check In (702) 799-4605
Demob (702) 308-8879
Check in/Demob Fax (702) 799-4603
Finance Fax (702) 799-4601
Helibase (702) 308-9596
Supply (915) 471-6018
R&D (915) 471-6025
Ground Support Swift (303) 475-5214
Ground Support Dorman (541) 953-9830
Air Ops (702) 308-9596
LVICC Dispatch (702) 515-5300
LVICC Expanded Dispatch (702) 515-5330
Clark County Sheriff's Office (702) 300-4481

\*\*\* To call the Units at the Carpenter Fire dial the phone number listed. It will tell you that you have reached the Clark County School District and then will prompt you to enter the 8 digit phone extension.\*\*\*

\*\*\* To dial in house, just dial the last four digits of the extension\*\*\*

# **Fire Suppression Rehabilitation Plan**

## **Carpenter 1 Incident**

### **Fireline (handline):**

- Construct water bars along fireline where appropriate.
- Restore drainages by removing fill or dams, reestablish crossings and return to natural configuration.
- Any trees or large size brush cut during fireline construction should be scattered to appear natural.
- Incorporate log and stump treatment into fireline rehab.
- Ensure stumps are cut flush with ground.
- Prioritize sections of line running along slopes or highly visible from roads, trails, and Wilderness access points.
- Resource Advisors monitor rehab activities for archaeological sites.

### **Dozerline:**

- Develop large or impassable barriers where dozer lines intercept roads or other points of public access. The emphasis is to block motorized use of these areas.
- Where firelines intercept roads, install barriers that block off-road use by the general public.
- To avoid long lasting visual impacts, barriers visible from the road will be constructed using locally available natural materials.
- As warranted, lop and scatter 30 feet from the barrier to discourage off road use by the general public.

### **Logs, Stumps and Stobs:**

- Use whatever techniques that will most successfully “hide the evidence”, is cost effective, and meets safety and fire use objectives. The end product should be as natural appearing as possible.

### **Helispots (except HS90 and HS95):**

- Low-cut stumps as much as possible in the helispot
- Leave a 15' x 15' (75' safety circle) clearing in the helispot

### **Drop Points, Spike Camps:**

- Restore to pre-fire conditions, as much as possible
- Remove all trash, flagging, and equipment from the area

### **Hazard Trees:**

- Hazard Trees will be felled that pose a hazard to the public on either side of designated system roads and system trails. Fell only those trees necessary to maintain a safe and productive working environment. Follow OSHA definition for hazard trees. If bucking is necessary try to cut log lengths greater than 17 feet.

### **Cultural Resources:**

- Identify, report, and protect any cultural resources discovered during rehabilitation activities.

## Resource Protection Measures

### Retardant Avoidance Areas

- Consult a resource advisor for the latest information and maps for retardant avoidance areas.
- Work with resource advisor on misapplication of retardant in avoidance areas.

### Staging, Helispots, Spike Camps

- Keep areas clean, don't leave food or garbage out, and recycle when possible.

### Wildlife

- If parking off the road near Mojave scrub (lower elevations on BLM land) along Trout Canyon Rd. or Kyle Canyon Rd., check under the vehicle for adult tortoises and underneath tires for juveniles before driving
- Any desert tortoise deaths and sightings need to be reported to resource advisor
- Work with resource advisor if constructing dozer line in desert tortoise habitat

### Wilderness

- Fire is burning in two Wilderness areas, Mt. Charleston and La Madre; work with READs on suppression guidance/preferences for the two Wilderness areas
- Minimize the impacts of suppression operations by incorporating MIST, (see page 100 of Incident Response Pocket Guide)
- Motorized intrusions in designated wilderness areas need to be reported. A reporting form is available for air ops and other resources (eg hand crews) that need them.

### Archaeology

- Work with archaeology resource advisor when constructing or repairing dozer line
- Report any found cultural resources to a READ
- Leave rusty can dumps alone

STAFFING FOR THURSDAY 7/14/13			
Personnel	Position	Availability/Location	Contact
Jenny Ramirez	LEAD READ- Wildlife	ICP- Line Qualified	702-219-1841
Boris Poff	BLM LEAD READ- Hydrology	ICP- Line Qualified	928-853-6563
Jennifer Brickey	READ- Botany	Pahrump-Line Qualified	702-858-0904
Corey Kallstrom	READ- Wildlife	ICP/Pahrump- Line Qualified	702-493-5268
Jed Carling	READ-Range	ICP- Line Qualified	435-419-0213
Michael Bryk	READ- Archaeology	ICP- Line Qualified	480-202-4836

07/14/2013

TENTATIVE RELEASE

CARPENTER 1 NV-HTF-500068

OVERHEAD

O-81	0800	(DIVS)	HORYZA, CHRIS
O-110	0800	(TFLD)	KRILL, JACK
O-277	0900	(ARCH)	PLUM, STANLEY

CREWS

C-17	0700	(HC1)	RUBY MOUNTAIN
C-23	0700	(HC1)	BONNEVILLE
C-13	0730	(HC2)	COBRAS 5
C-24	0730	(HC2)	SRV #10 IA
C-12	0800	(HC2)	DESCANSO CREW 5

EQUIPMENT

E-24	0700	(ENG3)	THREE POINTS 6958
E-36	0700	(ENG6)	NMCIF 6
E-44	0700	(ENG6)	IDCTF 671
E-193	0700	(ENG6)	CARIBOU-TARGHEE 651
E-27	0730	(ENG3)	SO NEVADA 5342
E-40	0730	(ENG6)	TIMBERLINE FIRE #01
E-122	0800	(WTT2)	PAHRUMP 3
E-177	0900	(ENG6)	SANTA CLARA BRUSH 32
E-196	0900	(ENG4)	BLAZE RUNNERS #14
E-3	1500	(ES3)	S/T ENG3 VELAZQUEZ
E-114	1800	(WTS3)	CCFD 84



*Human Resource Message*

## **Consider this.....**

**No one ever listened themselves out of a job.... Calvin Coolidge**

### **The 10 Commandments of Listening**

- 1. Stop talking. Obvious, but not easy.**
- 2. Put the speaker at ease. Create a permissive, supportive climate in which the speaker will feel free to express himself or herself. If you don't, they won't tell you anything.**
- 3. Show a desire to listen. Be interested and mean it.**
- 4. Remove distractions. External preoccupation is less likely if nothing external is present to preoccupy you.**
- 5. Empathize. Experience to some degree the feelings the speaker is experiencing.**
- 6. Be patient. Give the speaker time to finish; don't interrupt.**
- 7. Hold your temper. Don't let your emotions obstruct your thoughts or again, they won't tell you anything.**
- 8. Go easy on argument and criticism. Suspend judgment.**
- 9. Ask questions. If things are still unclear when a speaker has finished, ask questions which serve to clarify the intended meanings.**
- 10. Stop talking. In case you missed the first commandment.**

**Human Resource Specialists: ICP Room 201**

**Paul Bryant – 208-866-5242**

**Beverly Cunningham (Trainee) – 970-749-0899**

## Harvey IMT Evaluation...Carpenter 1 Incident

How would you rate the treatment you/or your crew received on this incident?

☐ Excellent ☐ Good ☐ Fair ☐ Poor

Comments:

How well did the following items meet your needs?

Excellent      Good      Fair      Poor

Food	_____
Sleeping Area	_____
Medical	_____
Showers	_____
Sanitation	_____
Time Keeping	_____
Supply	_____
Transportation	_____

Comments:

How would you rate the suppression tactics used on this assignment

☐ Excellent ☐ Good ☐ Fair ☐ Poor

Comment:

How would you rate the knowledge level and performance of your line overhead?

☐ Excellent ☐ Good ☐ Fair ☐ Poor

Comments:

How would you rate the team's attitude toward your safety?

☐ Excellent ☐ Good ☐ Fair ☐ Poor

Comments:

Did anything really frustrate you about how this incident was managed? If so, what could this team do to concentrate on improving performance? ☐ No ☐ Yes

Suggestions

On a scale of 1 to 10, with 10 being best, how would you rate the overall job this team did on the incident?

1\_\_\_\_ 2\_\_\_\_ 3\_\_\_\_ 4\_\_\_\_ 5\_\_\_\_ 6\_\_\_\_ 7\_\_\_\_ 8\_\_\_\_ 9\_\_\_\_ 10\_\_\_\_

What could we do better?

**HARVEY IMT INCIDENT**  
**LINE SUPPLY ORDER FORM**  
(Division Supervisors/OPBD/OSC Only)

Date & Time Order was placed	Order Reference # (DIV + #)	Mode of Delivery (Ground/Helo/Pickup)	Location For Delivery (Division/LZ/DP/Lat.Long)
Date:		GROUND SUPPORT HELICOPTER TO BE PICKED UP BY @	
Time:			
DATE NEEDED:		Name:	Time:
Order received in COMMUNICATIONS by:		Name:	Time:
Order received in SUPPLY by:		Name:	Time:
Order received in GROUND SUPPORT by:		Name:	Time:
Order received in HELIBASE by:		Name:	Time:
Order delivered/shipped to final location by:		Name:	Time:

#	QUANTITY	ITEM	SHIPPED	PENDING	#	Quantity	ITEM	SHIPPED	PENDING
1		Breakfast - Meals			43		Nozzles, 1 1/2" - Each		
2		Lunch - Meals			44		Nozzles, 1" - Each		
3		Dinner - Meals			45		Nozzles, 3/4" - Each		
4		MRE's (# of Cases) 12 / case			46		1st Aid Kit, 20-Person - Each		
5		Cubies of Water - each			47		Chainsaw w/kit - Each		
6		Bottled Water (# of Cases)			48		Line Spike Hygiene Kit(nx Pg)e		
7		Gatorade (# of cases)			49		Pump Kit "A" - Each		
8		Batteries, AA (# of bx) 24ea/bx					Contents: 1 MKIII Pump w/kit		
9		Batteries, AAA/C/D - Each					15 gals Unleaded Fuel		
10		Fuel - Unleaded - Gallons					1 gal 2-cycle Oil		
11		Fuel, Diesel, Gallons					3000 ft - 1 1/2" Hose		
12		Fuel, Drip Torch, Gal, 60/40 mix					1500 ft - 1" Hose		
13		Bar Oil - Quarts/Gallons					1000 ft - 3/4" hose		
14		2-Cycle Oil - 2.6 fl oz/Quart/Gal					15 - 1 1/2" Gated Wyes		
15		Sleeping Bags - 25 degree - Ea					8 - 1" Gated Wyes		
16		Sleeping Bags - 40 degree - Ea					10 - 3/4" Gated Wyes		
17		Plastic Sheeting - Sq Ft/Roll					15 - 1" Nozzles		
18		Parachute Cord - Spool/Foot					10 - 3/4" Nozzles		
19		Shovels - each					15 - 1 1/2"-1" Reducers		
20		Pulaski's - Each					10 - 1"-3/4" Reducers		
21		Combi's - Each			50		Pump Support Kit "B" - Each		
22		McLeod's - Each					Contents: 2000 ft - 1 1/2" Hose		
23		Fussee - Case					1000 ft - 1" Hose		
24		Drip Torch - Filled/Empty					1000 ft - 3/4" hose		
25		Backpack Pump - Filled/Empty					10 - 1 1/2" Gated Wyes		
26		Slingable Blivet - Suppression					5 - 1" Gated Wyes		
27		Slingable Blivet - Drinking					10 - 3/4" Gated Wyes		
28		Folding Tank 1000/15000 gal					10 - 1" Nozzles		
29		Pumpkin 1400/3000/6000 gal					10 - 3/4" Nozzles		
30		Mark III Pump w/kit					10 - 1 1/2"-1" Reducers		
31		Lightweight Pump w/kit					5 - 1"-3/4" Reducers		
32		Volume Pump w/kit			51		Misc. Please List Below		
33		Hose 1 1/2" x 100' - Feet							
34		Hose 1" x 100' - Feet							
35		Hose 3/4" x 50' - Feet							
36		Reducer 1 1/2" - 1" - Each							
37		Reducer 1" - 3/4" - Each							
38		Gated Wyes - 1 1/2" - Each							
39		Gated Wyes - 1" - Each							
40		Gated Wyes - 3/4" - Each							
41		Shutoff Valve, 3/4" - Each							
42		In-Line Tee, 1 1/2" x 1" - Each							

Accountable Property #'s;



NFES 1337